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(54) **Propylene-based copolymer composition**

(57) A propylene based copolymer composition comprises

10 to 60% by weight of a polymer component (A) comprising propylene as a main component and having an isotactic index of not less than 90%; and 40 to 90% by weight of a copolymer component (B) comprising propylene and other α -olefin having not more than 8 carbon atoms and containing propylene and ethylene as essential components, the copolymer component containing cold xylene insolubles in an amount of from more than 20 to 70% by weight based on the weight of whole polymers, and cold xylene solubles in an amount of 10 to 60% by weight based on the weight of whole polymers, and

cold xylene solubles containing an α -olefin other than propylene in an amount of less than 20% by weight, and

the composition being obtained by first producing the component (A) by polymerization and then producing the component (B) by polymerization.

The propylene-based copolymer composition of the present invention exhibits not only excellent flexibility and transparency as well as heat resistance substantially identical to that of propylene homopolymer, but also excellent mechanical properties such as tensile strength and impact resistance.

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EUROPEAN SEARCH REPORT

Application Number
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			C08L C08F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10 August 2001	Examiner Schmidt, H
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document I : theory or principle underlying the invention F : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EP 00 12 6442 (EP 00 12 6442)

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